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Stame of Person Signing Andrea Vasquez

05/10/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S):

Russell, Anthony W., et al.

APPLICATION NO.:

10/666,314

FILING DATE:

09/18/03

ART UNIT:

3641

ATTORNEY DOCKET NO.:

SMAR002

TITLE OF THE INVENTION:

BOREHOLE SURVEYING

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sirs:

In accordance with §§ 1.56, 1.97 and 1.98 of Title 37 of the Code of Federal Regulations and pursuant to Applicant's duty of candor and good faith toward the United States Patent and Trademark Office, applicant discloses the following information items which constitute the most relevant information items of which persons substantively involved in the present application are aware. Pursuant to 37 CFR §1.97(h) the information disclosed shall not be construed to be an admission of materiality to patentability.

Three (3) foreign patents and a GB Search Report cover page that relate to this invention are listed on the enclosed PTO/SB/08A and PTO/SB/08B forms and copies of these items are enclosed pursuant to §1.98.

Respectfully Submitted,

Date: 5 10 2004

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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known			
Application Number	10/666,314		
Filing Date	09/18/2003		
First Named Inventor	Russell, Anthony W.		
Art Unit	3641	-	
Examiner Name			
Attorney Docket Number	SMAROO2		

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				1
	GB	2094484 A	09/15/1982	Applied Technolgies Assoc	iates	
	GB	2 122 751 A	01/18/1984	Applied Technolgies Association	iates	
	EP	0 846 841 A3		The Charles Machine World		L
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Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (08-03)

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Idea the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO **Application Number** 10/666,314 INFORMATION DISCLOSURE Filing Date 09/18/2003 STATEMENT BY APPLICANT First Named Inventor Russell, Anthony W. Art Unit 3641 (Use as many sheets as necessary) **Examiner Name** Attorney Docket Number Sheet 2 SMAR002

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²		
		ALISON STRANSOM, The GB Patent Office, Patents Act 1977: Search			
		Report under Section 17, January 23, 2004, GB (one page).			

Examiner	Date	- -
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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